

Supplemental Release Report

Initial notification of the release to the NT-NU 24 Spill Report Line and the CER's Online Event Reporting System was completed at the time of the release. This report is a supplement to the initial report.

General Information			
NT-NU 24 Spill Report #	2024406	CER Incident #	INC2024-089
Incident Date:	10/29/2024	Time: 3:30	am <input type="checkbox"/> pm <input checked="" type="checkbox"/>
Incident Location: Central Processing Facility <input type="checkbox"/> Bear Island <input type="checkbox"/> Goose Island <input type="checkbox"/> Mainland <input checked="" type="checkbox"/> Other <input type="checkbox"/> – If other, location:			
Licencee Name: Imperial Oil N.W.T. Limited		Licence no.: S13L1-007	
Form completed by:	Benjamin Fraser	Phone Number:	587-462-9272

Volume Details		
If volumes changed from initial report an update has been sent into the NT-NU 24 Hour Spill Report Line and the CER's Online Event Reporting System.		
Product released?	Volume released	Contained
Grey water (Sewage)	150 L	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	m ³	Yes <input type="checkbox"/> No <input type="checkbox"/>
	m ³	Yes <input type="checkbox"/> No <input type="checkbox"/>
Impacted soil storage: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Location: Release occurred beneath a contractor's office trailer on the mainland. Released sewage material was recovered by a vac truck and disposed at the Town of Norman Wells Sewage Disposal Facility.		

Flowline Incident Details			
N/A			
Flowline no.:	Diameter:	Year Installed:	Aboveground <input type="checkbox"/> Buried <input type="checkbox"/>
Flowline returned to service: Yes <input type="checkbox"/> No <input type="checkbox"/>			

Clean Up
Status: Complete <input checked="" type="checkbox"/> Ongoing <input type="checkbox"/> – If ongoing, anticipated clean up completion date:
Operational clean-up details: Upon discovery, site personnel mobilized a vac truck to the area to support clean-up efforts. A vac truck was used to remove the spilled solid waste from the ground and on the tank to support clean-up efforts. Remaining sewage water on the ground was recovered via vac truck as well. Recovered sewage was taken to the Town of Norman Wells sewage disposal facility.

Incident Details
<u>Description of circumstances leading up to the release:</u> Flushing of a toilet was found not to be working in the women's washroom located in the trailer office building located on the mainland of the NW Operations at coordinates Lat: 68.282933, Long: -126.851767. Further inspection discovered the connection point between the sewage pipe and sewage tank was broken. Approximately 150L of sewage was found on and beside the tank underneath the trailer building.
<u>How was the release identified:</u> Per description above, release was identified after further investigation outside of the trailer office building once the toilet in the trailer bathroom was experiencing flushing problems.
<u>Steps taken to minimize, control, or stop the release:</u> After initial discovery, the bathroom in the trailer was shut down. Once clean-up efforts were completed (described above), the 3" PVC sewage line was reconnected to the tank with a flexible fitting, tolerant of future movement. Once the repairs were completed, the trailer bathroom was returned to operating service.
<u>Root cause and causal factors of the release:</u>

Supplemental Release Report

<ul style="list-style-type: none">- Equipment - mechanical joint failure. Due to seasonal movement of ground under the office building trailer, the 3" PVC pipe connected to the sewage tank experienced stress at the connection point. This stress caused the line to break at the connection, causing the release of ~150L raw sewage.
<p><u>Corrective actions, if any:</u></p> <ul style="list-style-type: none">- The failed PVC 3" line connection point with the sewage tank was repaired and replaced with a flexible connection joint to allow for future seasonal movements without leading to stress failures. Norman Wells Maintenance team developing a preventative maintenance strategy to inspect sewage piping and connections in trailer buildings on a semi-annual basis.
<p><u>Additional comments:</u> N/A</p>